

# SmartCooler®

## DATASHEET

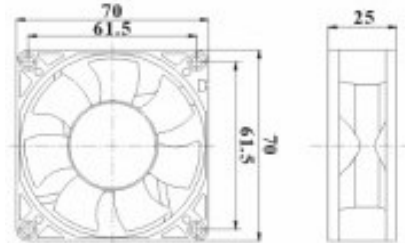
cooler than smart

### LFM1570XTV: SmartCooler® SmartSpeed® fan 70x70x25mm

Picture similar to original product:



Drawing similar to original product:



#### Description:

70x25mm SmartCooler® SmartSpeed® industrial high end fan made of PBT + 15-30% GF UL94V-0 with very low noise features, minimum vibration and minimum pulsing noise. Rotation from 2.200 up to 4.200 R.P.M.. Airflow from 32.0 – 59.0m³/h. Noise from 19-35dBA.

#### Product data:

Size (LxWxH):	70x70x25mm	Bearing:	2 ball high tech nano bearing
Hole distance:	61.5mm	Weight:	63 gramm
Hole diameter:	4.3mm	Frame:	4-Hole Frame
Cable:	200mm, UL 1007 AWG 26	Connector:	3-Pin connector 2.54mm
Optional features:	Speed signal	Thermistor length:	17.0 mm

#### Function data:

(V)= 4-Hole

Temperature on TC:	25 °C	30 °C	40 °C	50 °C	60 °C		
R.P.M. +/- 10%:	2.200	2.700	3.200	3.700	4.200		
Airflow m³/h:	32.00	38.00	45.00	52.00	59.00		
Airflow cfm:	18.82	22.35	26.47	30.58	34.70		
Aqmm.	1.750	2.950	4.150	5.200	6.250		
Noise dbA:	19.00	25.00	28.00	32.00	35.00		

#### Electrical data:

Rated current Amp:	0.090	0.100	0.120	0.240	0.300		
Rated Power Watt:	1.080	1.200	1.440	2.880	3.600		
Starting voltage:	8 Volt						
Operation voltage:	12 Volt						

#### Physical boundaries:

MTBF time about:	< 50°C = 300K/h, >= 50°C = 250K/h,	Drop test:	Withstands free body drop of 30cm on a 1m² wooden table with a thickness of 10mm.
Max.environment°C:	70°C	Vib. test:	1.000 R.P.M at 2mm amplitude for 30 Min.

Item:

Safety standards:

Produced after following standards:

CE, TÜV, UL, UR

Item:

Packing:

Size retail Box (LxWxH):

170x120x25mm

Shipping qty. carton:

100 pcs.

#### Note:

#### Revision:

Revision: 3.3

Last change: 2008-09-01

SmartCooler GmbH accept no liability for accuracy of the above given information.  
Technical changes are subject to alteration.

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